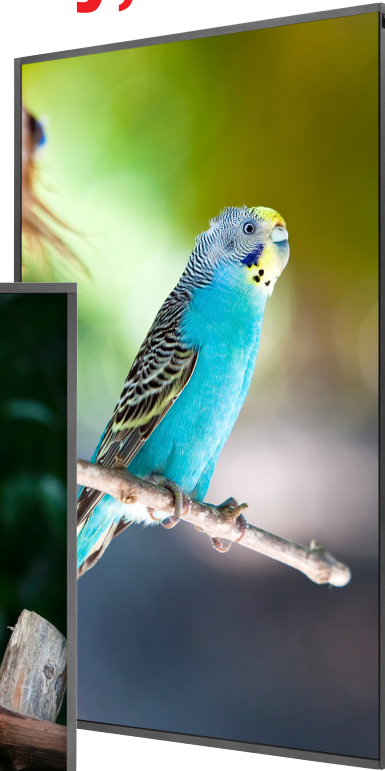


Uncompromising Quality, Performance and Expandability



Sometimes the job calls for uncompromising quality, performance and expandability. If so, the Toshiba TD-Z Pro+Series fits the bill. These 1080p Full HD displays offer high brightness for attention-grabbing images. They also offer full functionality with portrait and landscape modes, tiling mode, USB media player, RS232C, LAN and IR control, DisplayPort in/out, and an Intel® OPS slot for use with a wide variety of optional modules. Plus, you can count on these true professional-grade displays rated for 24/7 operation, with failover support, a rugged metal cabinet with rear carry handles and a strong 3-year limited commercial warranty.

- 42", 47" and 55" Large-Format Screen Sizes
- Rugged Metal Cabinet with Rear Carry Handles
- OPS Expansion Slot
- DisplayPort In/Out
- 24/7 Professional Operation
- 1080p Full HD Resolution
- Portrait and Landscape Orientation
- Bright 450 Nits
- Tiling Mode (10x10)
- RS232C, LAN and IR Control
- USB Media Player
- Failover Capability
- 3-Year Limited Commercial Warranty

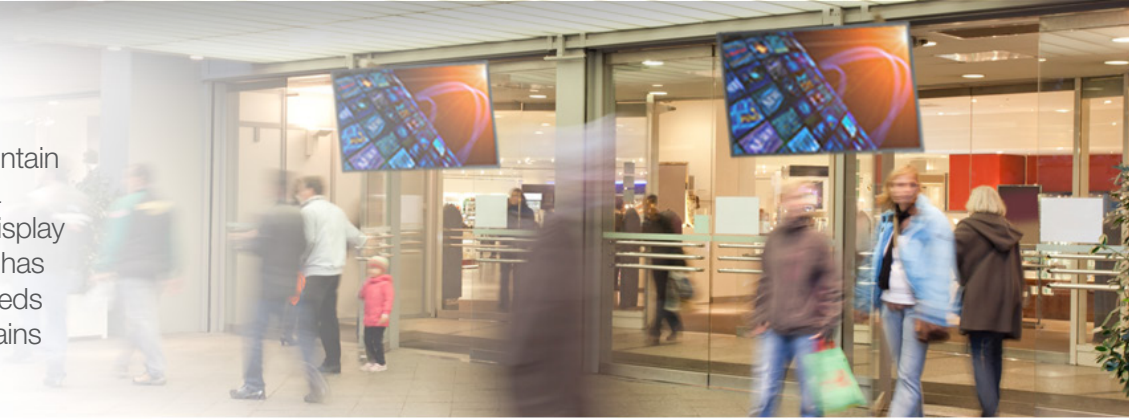
Touchboards

205 Westwood Ave, Long Branch, NJ 07740
Phone: 866-94 BOARDS (26273) / (732)-222-1511
Fax: (732)-222-7088 | E-mail: sales@touchboards.com

Quality Professional Grade Displays for a Variety of Applications

Retail

Compelling digital signage requires dynamic displays that draw and maintain user attention. Whether it's an ad, a directory or a video, a clear, bright display increases its effectiveness. Toshiba has bright, robust displays that fit the needs of any retailer from large big-box chains to small single-store operations.



Corporate

Whether it's for your lobby where you want to create the right first impression, your boardroom to ensure an impactful presentation, or your office to effectively collaborate, Toshiba has the right display for each and every need across your enterprise.



Education

Reach students and visitors across campus with vibrant displays in the student center, auditorium and gym. Then really connect with students in the classroom or laboratory with impactful displays that improve learning and retention. Toshiba's wide range of quality displays includes the right solution for every touch point.



Restaurants/Bars

Gain your customer's attention and then keep it. Digital menu boards allow for eye-popping graphics and scheduled or live content adjustments to ensure you pique the customer's interest and drive sales. In a sit-down environment, Dynamic entertainment displays keep customers in their seats longer, further increasing your revenue opportunity. Toshiba has a variety of display solutions for QSR, fast casual and full-service restaurants to help you grow your business.



Key Features

Rugged Metal Cabinet with Rear Carry Handles

The ultimate in cabinet strength and ease of handling.

Intel® OPS Expansion Slot

The Intel® Open Pluggable Specification slot allows optional compliant modules to be inserted into the display. Media players, digital tuners, or other advanced modules can be utilized to add functionality to the display without any external boxes, cables or power cords.

10W x 2 Built-In Speakers

The display has complete multimedia playback with 20 watts of stereo audio for when the application requires enhanced sound.

Tiling Mode with DVI In/Out and DisplayPort In/Out

DisplayPort, an Advanced VESA digital port, is capable of transmitting 4K UltraHD signals and allows daisy-chaining and tiling of up to 100 displays, without an external controller.

Professional-Grade 24/7 Operation

These robust displays were specifically designed for trouble-free 24/7 operation in a commercial environment, and also include a litany of commercial features.

Ambient Light Sensor (42", 55")

Detects the level of ambient light in the environment and automatically adjusts picture settings to compensate.

High Brightness (450 Nits)

Creates more compelling, dynamic images to better attract and maintain customers' attention in a variety of lighting environments.

Landscape and Portrait Modes

Special heat-dispersion engineering allows the display to be placed in standard landscape mode, or vertical portrait mode, for maximum deployment flexibility.

Failover Capability

If the main connected media player stops working, the system can automatically switch to an alternative source to maintain content display.

USB Media Player

Display and schedule content without an external media player. Built-in USB Media Player CODECS Include:

- **Video:** MPG, MPEG, VOB, AVI, MKV, MOV, MP4, H.264, TS, M2TS
- **Music:** MP3, M4A, AAC
- **Photo:** JPG, BMP, PNG

Multiple External Control Options with RS232C, LAN and IR

Control display functions, and receive two-way control feedback, with RS232C and LAN control options. For more basic installations, you can also utilize the IR Port for control.

3-Year Limited Commercial Warranty

Toshiba shows its dedication to quality with a strong 3-Year Limited Commercial Warranty. Add to that a dedicated, quick-response support line for commercial displays, and an advanced replacement service, and you can feel confident with Toshiba.



1. IR In
2. IR Out
3. RS232 In
4. RS232 Out
5. Ethernet
6. HDMI 1
7. HDMI 2
8. DVI In
9. DVI Out
10. DisplayPort In
11. DisplayPort Out
12. VGA In
13. PC Line In
14. Speaker Switch Side
15. Audio In
16. Audio Out
17. USB
18. Speaker Out
19. AC Power Switch

Technical Specifications Sheet

	TD-Z422	TD-Z472	TD-Z552
Display Orientation	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait
Display Operation	24 / 7	24 / 7	24 / 7
Screen Size (Diagonal)	42"	47"	55"
Panel			
High Brightness	450 Nits	450 Nits	450 Nits
Type	Edge LED-Backlit LCD (IPS)	Edge LED-Backlit LCD (IPS)	Edge LED-Backlit LCD (IPS)
Resolution (HxV)	1920 x 1080 (16 x 9)	1920 x 1080 (16 x 9)	1920 x 1080 (16 x 9)
Refresh Rate	60Hz	60Hz	60Hz
Static Contrast Ratio	1,300:1	1,300:1	1,300:1
Viewing Angle	178°	178°	178°
Response Time (G-G)	12ms	12ms	12ms
Display Colors	10 bit - 1.06 billion (10 x 10)	10 bit - 1.06 billion (10 x 10)	10 bit - 1.06 billion (10 x 10)
Tiling Mode			
USB Media Player	•	•	•
Failover Capability	•	•	•
Ambient Light Sensor	•	•	•
Built-In Speakers	10w x 10w	10w x 10w	10w x 10w
Additional Features			
DLNA® (DMP)	•	•	•
Picture Modes	•	•	•
Aspect Modes	•	•	•
Adaptive Contrast	•	•	•
Noise Reduction	•	•	•
Remote Lock	•	•	•
Panel Lock	•	•	•
Scheduler	•	•	•
Power Management (Power-On Delay)	•	•	•
Power Management (Auto Off)	•	•	•
Picture Shift (Anti-Image Retention)	•	•	•
Self Diagnostic	•	•	•
A/V Inputs			
HDMI®	2	2	2
DVI	•	•	•
DisplayPort	•	•	•
Component / Composite Video (Shared BNC)	•	•	•
VGA (15 Pin D-Sub)	•	•	•
Analog Audio (RCA)	•	•	•
PC Analog Audio (Mini)	•	•	•
USB	•	•	•
A/V Outputs			
DVI	•	•	•
DisplayPort	•	•	•
Analog Audio (Mini)	•	•	•
Speaker Out	•	•	•
External Control Ports			
RS232C (Mini In/Out)	•	•	•
LAN	•	•	•
IR Port (Mini In/Out)	•	•	•
OPS Expansion Slot	•	•	•
Bezel Width (mm), Rugged Metal Cabinet	15.8	10.3	15.7
Built-in Handles	•	•	•
Dimensions (WxHxD) (mm)			
Display	965.8 x 558.9 x 69	1,069.3 x 612.8 x 69.2	1,247 x 717.8 x 70
In Packaging	1,178 x 795 x 250	1,245 x 803 x 196	1,476 x 978 x 276
Weight (lbs.)			
Display	40.3	40.1	70.5
In Packaging	56.2	50.7	86
VESA Standard Wall Mount Interface	400x200 / 200x200 (M6)	400x400 (M6)	400x200 / 400x200 / 200x200 (M6)
Anti-Theft Lock	•	•	•
Included Accessories	Power Cable, VGA Cable, RS-232C Adapter Cable, RS-232C Daisy Chain Cable, Remote, User Manual	Power Cable, VGA Cable, RS-232C Adapter Cable, RS-232C Daisy Chain Cable, Remote, User Manual	Power Cable, VGA Cable, RS-232C Adapter Cable, RS-232C Daisy Chain Cable, Remote, User Manual
3-Year Limited Commercial Warranty	•	•	•
Power Supply	•	•	•
(AC 100 ~120 V, 200~240 V, ±10%, 50/60Hz)			
Power Consumption (Standby / Typical / Max)	<0.5W / 120W / 230W	<0.5W / 120W / 250W	<0.5W / 145W / 255W
Operating Temperature Range	Landscape: 41° F - 104° F Portrait: 41° F - 95° F	Landscape: 41° F - 104° F Portrait: 41° F - 95° F	Landscape: 41° F - 104° F Portrait: 41° F - 95° F
Operating Humidity Range	20% - 80%	20% - 80%	20% - 80%
ENERGY STAR® 6.0 Compliant	•	•	•
RoHS Compliant	•	•	•
UPC Code	889661003212	889661003205	889661003299

Contact a Toshiba representative today: 844.344.DigSign or 844.344.7446 (Toll Free).
Visit us on the web at toshiba.com/us/digital-displays.